

# Purofine® PFA103Plus

Polystyrenic Macroporous, Weak  
Base Anion Resin, Free Base form,  
Uniform Particle Size

## PRINCIPAL APPLICATIONS

- Demineralization

## ADVANTAGES

- Uniform particle size

## TYPICAL PACKAGING

- 1 ft<sup>3</sup> Sack
- 25 L Sack
- 5 ft<sup>3</sup> Drum (Fiber)
- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Tertiary Amine
Ionic Form	FB form
Total Capacity	1.5 eq/L (32.8 Kgr/ft <sup>3</sup> ) (FB form)
SBC	12 - 20 %
Moisture Retention	51 - 58 % (Cl <sup>-</sup> form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, FB → Cl <sup>-</sup> (max.)	25 %
Specific Gravity	1.04
Shipping Weight (approx.)	625 - 645 g/L (39.1 - 40.3 lb/ft <sup>3</sup> )
Temperature Limit	100 °C (212.0 °F) (Cl <sup>-</sup> form)
Temperature Limit	60 °C (140.0 °F) (FB form)



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